

TRUE PARALLEL CLIENT SERVER SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A software system to provide a true-parallel, client-server system comprises a server 52. The server 52 comprises any suitable system for using and supporting an operating system 54. The operating system 54 is operable to create and delete processes, as well as manage server resources. The operating system 54 is further operable to provide a well-known address 56 with an associated buffer 58. The operating system 54 is further operable to support the notification system 60 to notify a plurality of processes, in parallel, that information has arrived at the well-known address 56 and that the information has been stored in the buffer 58. The plurality of handler processes 62 are operable to accept and remove, in parallel, pending requests from the buffer 58. The spawner process 64 is operable to initialize the well-known address 56 and spawn handler processes 62. The server 52 communicates with the clients 50 via the network 66. The clients comprises suitable systems for generating and transmitting requests over a network 66. The network 66 is any suitable system for communicating data between the plurality of clients 50 and the server 52.